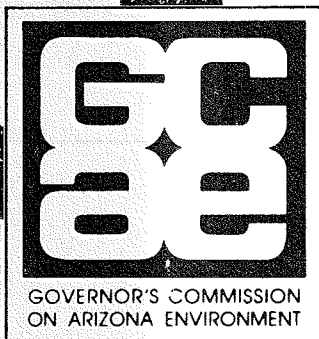
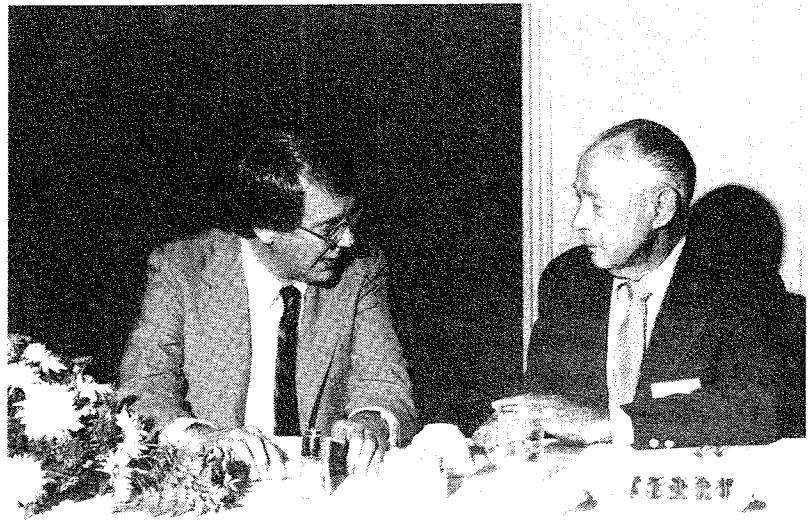


# BIENNIAL REPORT to Governor Bruce Babbitt 1982-1983

Governor' Commission on Arizona Environment







# From the Chairman

*The Governor's Commission on Arizona Environment has had another busy two-years and has played a vital part in the protection and enhancement of Arizona's natural heritage. Workshops/conferences were conducted Statewide on January 14-15, 1982, Mesa, Arizona addressing "GROWTH IN ARIZONA UNDER THE NEW GROUNDWATER LAW"; April 29-30, 1982, Tucson, Arizona addressing ACCESS AND USE OF FEDERAL LANDS AND RESOURCES IN ARIZONA"; August 4-6, 1982, Flagstaff, Arizona addressing "ARIZONA'S GROWTH TO THE YEAR 2000"; October 21-22, 1982, Wickenburg, Arizona addressing "LITTER DESTROYS OUR VISUAL ENVIRONMENT"; January 27-28, 1983, Prescott, Arizona addressing "HOW THEFT AND VANDALISM AFFECT OUR NATURAL RESOURCES"; April 21-22, 1983, Phoenix, Arizona addressing "ENERGY-A LOOK AT TOMORROW"; August 10-12, 1983, Sedona, Arizona addressing "WHAT PRICE CLEAN WATER"; October 27-28, 1983, Prescott, Arizona addressing "WILDERNESS-HOW MUCH".*

*There have been major confrontations between those using the State's natural resources and the general public. We believe that the efforts of the Commission to identify and recognize potential problems before they materialize and taking the necessary steps to head off confrontations has been successful.*

*Through the cooperation and participation of dozens of public agencies, commercial entrepreneurs and citizen groups the Commission is doing the job for which it was intended as a citizen action advisory body.*

*We believe there is a need for our school children to be better informed about the value and importance of our natural environment. A group of interested Commission members have been working with the Department of Education to form and develop educational programs regarding Arizona's environment and the steps necessary to protect it for use by future generations.*

*The 120 members of the Governor's Commission on Arizona Environment are doing their best to carry out the goals of the organization. They deserve the public's gratitude.*

/s/ROY P. DRACHMAN





Taken from the OPENING MESSAGE TO THE 36TH LEGISLATURE SECOND REGULAR SESSION — Bruce Babbitt, Governor. "Our commitment to economic growth requires a more aggressive effort to protect our air and water. Arizona's economic development has been closely linked to environmental quality, but we are not making an adequate effort to preserve those environmental assets. Recent events send us an ominous warning that contamination of our groundwater supplies and drinking water cannot be allowed to continue. It is time to protect our economic future by enacting a comprehensive groundwater quality control program. We must also renew our efforts to improve air quality. Our tourism industry, the state's second largest, and no small part of our high technology industry owe their existence to Arizona's reputation for a pristine environment."



# Governor's Remarks

*As I look back over the past few years, I feel very good about what's happened in this State. Many of the environmental concepts envisioned by the Environmental Commission have yielded tremendous results. I think of the water issue; we have talked about water on several occasions. I have found a lot of consensus and a lot of support for some revolutionary development. The Groundwater Code is now a fact. It was passed for economic reasons, but it's probably also the most important environmental law that's been passed in the history of the State. We have transformed a State Land Department which had no policies, no priorities, no goals; which was devoted to satisfying the needs of political cronies or whatever group was in power; selling State lands off for a pittance, refusing to administer the lands that it did own, into a department with a strong set of statutes. We have a new Urban Lands Act which places the gravity of planning at the local level. There is a new Statewide Grazing Act which requires affirmative management of this resource. We haven't covered all the areas of water quality, but I know it will be done. These are problems that are simply going to require intensive study, creative solutions, and good management.*

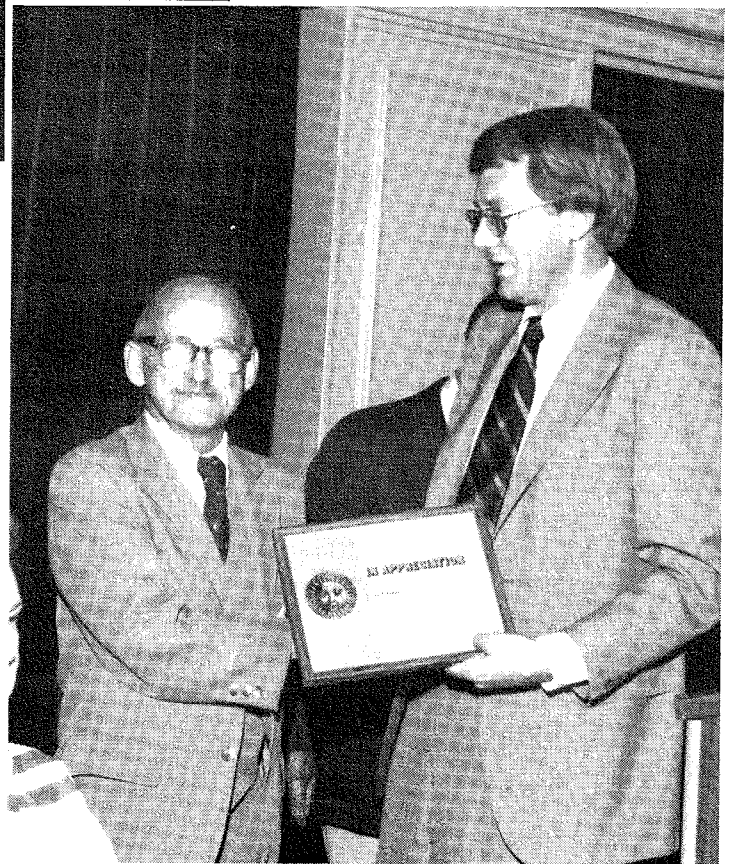
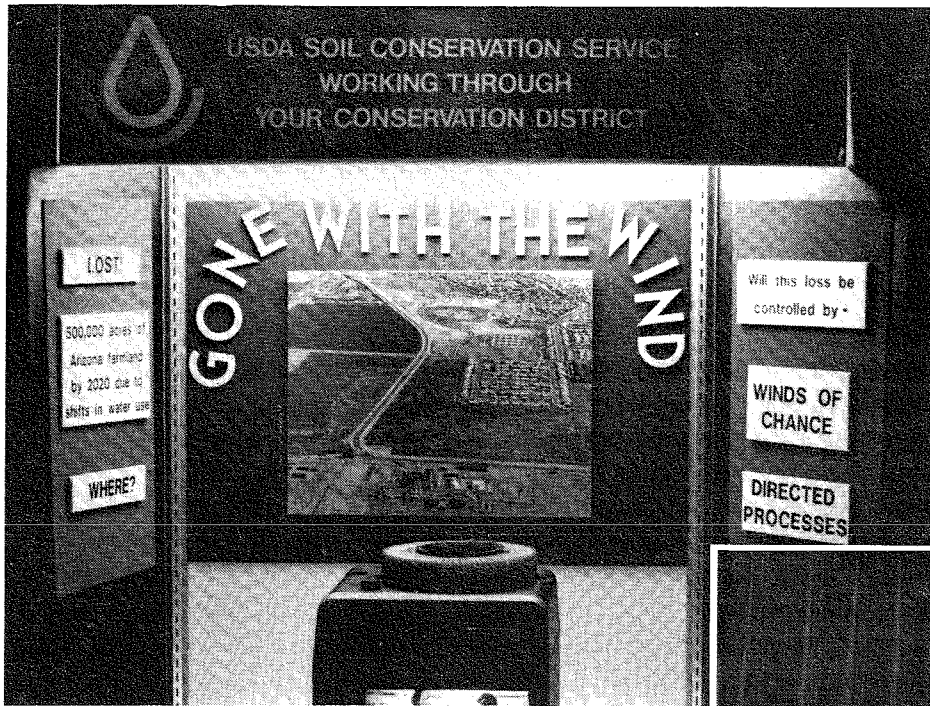
*The Environmental Commission has discussed the State Parks issue, and ideas are being developed that will allow us to provide intensive recreational sites for a growing population that in the past has outstripped our abilities to provide these (recreational) services. Litter is a growing problem. Arizona has a unique set of natural wonders that attract millions of visitors each year. Pressure to solve this problem is growing, and I know that the basic ideas once again will come from the workings of the Environmental Commission as they assist my office in the newly established annual Statewide program "Clean-Up Arizona Day". People love this State. They love its environment, its symbols, and its visual image. I love it, too. I applaud the Environmental Commission for raising issues and finding solutions to our problems. I hope you will continue to be aggressive in solving future concerns. We don't have to agree with everything we hear, but we do have to challenge all of the people of this State to see if we can't find a consensus which reads something like this: "Growth is inevitable and for the most part good. It provides jobs, the resources to have cultural institutions, the freedom of development and choice for our kids, and it is, in the final analysis, the moving dynamo of the American system". But with that we must have an environment consciousness . . . an Environmental Ethic if you will. We have to preserve our natural environment . . . our air, our water, and our land. The Commission's efforts in this area will be to the lasting benefit of our State.*



# Executive Board Members 1982 and 1983

Roy P. Drachman: Chairman  
Maxine Lakin: Vice Chairman  
Executive Director: Alicia Ray  
Governor's Office Liaison: Jim Apperson  
Legal Advisor: Dale Pontius (Member)

Jeanette Bideaux  
Dr. Roger Caldwell  
Richard Countryman  
Eugene Eggers  
Dr. Kenneth Foster  
Nancy Laney  
Don Schwenn  
Tillman Turley  
A. Michael Turner  
Laura Watson



# About the Commission

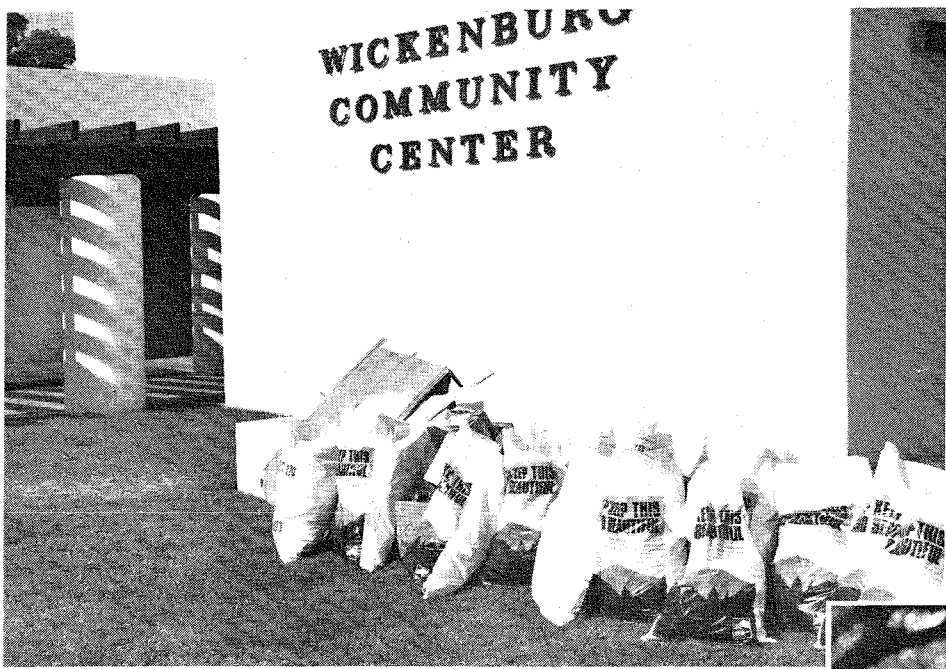
The Commission program is responsible for environmental interface networking between government, business/industry, educators, conservation groups and the public statewide through the provision of technical assistance, public participation forums, public awareness programs, legislative involvement and citizen action advisory capabilities. Advisory recommendations are prepared for the Governor quarterly.

Commission goals are to provide a better understanding and public awareness to Arizona's environmental issues as they are impacted by growth, economics and future land use planning. Program goals will be achieved through continuing public participation workshops/conferences, by presenting demonstrative programs to educate our youth and the public regarding impacts on Arizona's environment, continuing liaison and inter-agency activities with other entities to develop a healthy environmental balance in land use planning, analyze and assess risk management of environmental issues, properly evaluate the impacts from growth, and develop through public awareness an environmental ethic for Arizona.

Four workshops are conducted annually as a high priority project to inform participants and to encourage input of alternative solutions on critical environmental issues. These programs provide and encourage the interchange of technical and research data between government, business, educators and many conservation-minded organizations and individuals.

Through this program, proceedings, special reports, directories, fact sheets, and a biennial report are compiled to provide quality reference and teaching guides in developing and strengthening environmental projects conducted by governmental agencies, the private sector, and educators. The Commission provided a monitoring mechanism for environmental legislation and environmental issues not only State-wide but on a national level.

The Commission interacts with environmental departments in Colorado, Texas, California (including EPA, Region IX), New Mexico and other adjacent states by lending technical assistance and providing information on the environmental activities within Arizona. Environmental projects were initiated by the Commission to further educate the public and act as a governmental liaison on sensitive environmental issues. Border environmental problems were addressed by means of a joint workshop and by Commission representation and support on the Arizona-Mexico Commission the Consultative Association on the Environment of the Gulf of California and the Southwest Border Regional Commission (Border Governors).



# Environmental Education Committee

## ACTIVITIES

**Chairman:**  
Tillman Turley

The Environmental Education Committee researched the possibility of the following projects:

**Members:**  
John H. Clay  
Richard Condit  
James K. Courtright  
Lucille Fetterly  
Robert A. Frost  
Eugene Gabrielli  
Paul Klores  
Richard G. Miller  
Carlos Nagel  
David Pijawka  
Mary Lou Rankin  
Paul H. Rossman  
Jim Teter  
George Van Otten  
Prof. Gabriel M. Villegas  
L. V. Yates, Jr.  
Chris Williams

1. Teacher certification for environmental education
2. Statewide curriculum to include environmental education
3. Bi-cultural environmental education exchange program
4. Environmental education fact sheets for distribution
5. Toll free environmental education hotline
6. Distribution of the "WATER and MAN" curriculum materials

## RECOMMENDATIONS

### ONE

That the Governor lend his support for the authority to establish funding for an environmental education position at the Arizona Department of Education.

### TWO

Support of the Land Committee's recommendation concerning the passage of the Arizona Strip Wilderness Bill.

### THREE

That the Governor establish a task force on the development of wilderness designations on Bureau of Land Management and United States forest lands in Arizona. (Joint recommendation with Growth Management/Transportation and Land Committee).

# Energy Committee

## ACTIVITIES

**Chairman:**  
Dr. Roger Caldwell

**Members:**  
Bruce P. Crandall  
Iris O. Dewhirst  
Stanley E. Hancock  
Mary Lou Rankin  
Charles Tedford  
Bob Whitaker

The Energy Committee was responsible for the April, 1983 workshop of The Governor's Commission held at the Holiday Inn Convention Center in Phoenix. The focus of the workshop was "A LOOK AT TOMORROW'S ENERGY NEEDS." One of the more interesting activities of this workshop was the tour of the Sky Harbor Solar Project. Some of the areas explored in committee were (1) the "Energy" aspects of the Central Arizona Project, (2) Arizona's energy interdependency, (3) future solar energy technology, and (4) Arizona's future energy outlook. Because energy issues have not been as prominent as in the past decade the Energy Committee members met only once in 1982 as a formal committee (members attended other committee meetings). For the 1983 year they will meet formally only once unless need dictates otherwise.

## RECOMMENDATIONS

### ONE

That the tax credit program for solar installations be continued (joint recommendation with the Water Resources Committee).

### TWO

That the Governor lend his influence to the removal of the restrictions at both the state and federal levels which prevent the most effective use of electrical power associated with the Central Arizona Project. (Joint recommendation with the Water Resources Committee).

# Health/Environmental Hazards Committee

(New '84 Title - Environmental Health)

## ACTIVITIES

### Chairman:

Eugene Eggers

### Members:

Chuck Anders  
Anthony Brazel  
Roger Caldwell  
Iris O. Dewhirst  
Michael Gregory  
Senator Arthur Hubbard  
Blanche N. Johnson  
Prof. Andrew Nichols  
Edgar J. McCullough, Jr.  
Melvin Marcus  
David N. Perry  
R. Bruce Scott  
Glenn Taylor  
Charles Tedford  
Phillip C. Wright  
David Pijawka

The Committee for Health/Environmental Hazards became involved with finding solutions to: (1) Hazardous waste management, (2) Arizona's emissions program, (3) the Bottle Bill, (4) asbestos related health problems, (5) laws and procedures related to pasturization of milk.

## RECOMMENDATIONS

### ONE

That the House of Representatives of the Arizona Legislature reinstate the House Environmental Affairs Committee because of its vital importance to the preservation of environmental quality in Arizona. (At one time there was discussion of abolishing the committee).

### TWO

That the possibility of reducing a sentencing judge's liability be explored. Particularly in cases of environmental significance such as when people are sentenced to litter clean-up programs.

### THREE

That Proposition 200 (the Bottle Bill) be endorsed as one legitimate approach to the problem of litter control.

### FOUR

That in view of the destructive potential to health and environment of existing Titan missiles and the possibility that MX missiles may be deployed in Titan silos the Governor's Commission on Arizona Environment be updated on this destructive potential through a tour of the Titan missile sites.

# Growth Management/Transportation Committee

## ACTIVITIES

### Chairman:

Laura Watson

### Members:

Jack Bestall  
Keith L. Andresen  
Gary Avey  
Jeanette Bideaux  
Bruce P. Crandall  
Dan Devers  
Ted Edmundson  
James Elmore  
Bonnie Haynes  
Martha Hunter  
Jeanne James  
Morris Lerner  
F. J. MacDonald  
Austin Milhollin  
Lloyd Perper  
Don Schwenn  
Paul C. Smith  
Michael Turner  
Troy Upchurch  
Donald Vance  
Barbara Zachariae

The Growth Management and Transportation Committee concerned themselves with the following areas during 1982-1983:

1. Urban Lands legislation
2. State Land Use Planning
3. Transportation issues including air transportation
4. Hotline for violations of vandalism (1-800-VANDALS)
5. Environmental Watch Program

Among the topics researched were, (1) airways and airports, (2) archaeological digs and highway construction conflict, (3) water treatment on a state, national and international level, (4) socio-economic cultural effects of the depressed mining industry, (5) the effects of litter on Arizona's natural beauty and traditional quality of life.

## RECOMMENDATIONS

### ONE

That a comprehensive program be implemented to instill community pride and a sense of responsibility for the clean-up and beautification of our State's cities, towns, natural areas and transportation routes. That all available methods be utilized to reduce and ultimately eliminate litter with emphasis on effective allocation of resources. This program should include:

- (1) A statewide litter task force with representation from appropriate citizens and community groups and key private organizations;
- (2) The development of a specific action plan designed to reduce litter in Arizona.
- (3) Statewide public education programs;
- (4) Emphasis on public/private sector cooperation and coordination and;
- (5) Statewide expansion of the City of Phoenix "Clean Community System."

## **TWO**

That a task force be established to explore the possibilities for expansion of the economic and employment base in Arizona's single industry communities. The task force should include, but not limited to, representatives of the Governor's Commission on Arizona Environment, the Office of Economic Planning and Development, Office of Tourism, the mining community, owners of mining communities, The Arizona Association of Industries, Legislature and local Chambers of Commerce. That everything possible be done to preserve those communities affected by the inactivity of the mining industry because they are viable socio-economic-cultural centers and their members do not want to relocate. That the preservation of existing schools, water systems, sewer systems, housing, commercial centers, health care facilities, etc., be given high priority because they are an invaluable resource to the State.

## **THREE**

That the tax credit program for solar installation be continued.

## **FOUR**

That the Governor establish a task force on the development of wilderness designations on Bureau of Land Management and United States Forest Lands in Arizona. (Joint recommendation with Land and Environmental Education Committees, See Land #10.)

# Land Resources Committee

## **ACTIVITIES**

### **Chairman:**

Richard Countryman

### **Members:**

Joseph Arundale  
 Verne Bathurst  
 Stuart Bengson  
 Mary Alice Bivens  
 Daune Bock  
 John Carr  
 T. G. Chilton  
 Larry Fellows  
 John H. Jett  
 Jack Johnson  
 Jim Kimball  
 Representative Joe Lane  
 Robert Lane  
 S. Clark Martin  
 Richard B. Nicholls  
 R. J. Pursley  
 Tom Sullivan  
 Tillman Turley  
 Gene C. Tolle  
 Martin Wurbs

The Land Resources Committee studied:

1. Water Quality and Management
2. The Non-game Animal Fund
3. Off-road vehicle registrations
4. Federal land management
5. Vandalism on public and private lands
6. Riparian Habitats
7. Gila River Wilderness area
8. Jojoba collection

## **RECOMMENDATIONS**

### **ONE**

That the Governor take steps to assure that greater coordination and cooperation take place between state and local agencies responsible for or associated with water management. That this assurance include, (1) Watershed management, (2) all methods of water harvesting, (3) vegetative manipulation, (4) sewage effluent uses, (5) water quality and (6) development of water resources.

## **TWO**

That the Governor lend his influence to the passage of House Bill 2005, the "NON-GAME ANIMAL FUND" check-off system on tax refunds to support game management related studies conducted by the Arizona Game and Fish Department.

## **THREE**

That the legislature appropriate funds for the Arizona Game and Fish Department to enforce off-road vehicle violations.

## **FOUR**

That the legislature require the registration of all unlicensed off-road vehicles.

## **FIVE**

That there be an acceleration of the review process and decision making with respect to present federal land withdrawal and that emphasis be placed on a coordinated effort between all federal and state agencies involved.

## **SIX**

That a revolving fund for Natural Resource's enforcement be established with the proper safeguards instituted to assure supervision and coordination of the fund.

## **SEVEN**

That a Vandalism Hotline be implemented with use of the number 1-800-VANDALS.

## **EIGHT**

That the State Board of Education and Department of Education implement and fund an Environmental Education curriculum in all the schools of the State K-12.

## **NINE**

That proper consideration be given to the environmental impact of alternate energy sources before their use is optimized.

## **TEN**

That the Governor lend his influence to the approval of the Arizona Strip Wilderness Bill and establish a task force on the development of wilderness designations on Bureau of Land Management and United States forest lands in Arizona. (Joint recommendation with Growth Management/Transportation and Environmental Education Committees.)

## **ELEVEN**

Riparian Habitat Recommendations from August, 1983 Summer Conference:

- The Governor's Commission on Arizona Environment strongly supports the formation of a Governor's Task Force on riparian areas. The task force should be made up of technical experts, users of riparian areas and local residents. The development of local concern groups should be encouraged and supported by the task force.
- Recreation and riparian habitat should be recognized as uses of water and given a value in water policy planning, with the same recognition designated to other state planning (education, transportation, and recreation).
- Land exchange by the Arizona State Land Department which serve to protect riparian habitat should be supported.
- Maintenance of riparian habitats should be supported through emphasis on cooperative efforts between state, federal, and local government agencies and private entities.

- The non-game wildlife check-off on state tax forms should be continued. Part of these funds should be allocated for protection of riparian habitat.
- Develop a definition of riparian habitat for use throughout Arizona.
- Identify and integrate existing inventories of riparian areas in Arizona, identify information gaps, and determine how much riparian areas exist where they are, who manages them, and what condition are they in. The Natural Heritage program in the Arizona Game and Fish Department may be the logical place to conduct this activity. The Arizona State Parks Natural Areas Program information should be used in this integrated inventory.
- Investigate and document the legal bases in Arizona and other states for protection, controlling, and enhancing riparian habitats.
- Develop a state system to evaluate and prioritize riparian habitats for protection and appropriate uses, and recommend management practices.
- Develop recommendations addressing the teaching of riparian resource conservation as part of environmental education.
- Identify needs for further research, including:
  - Techniques to improve existing riparian habitat and establish new riparian habitats.
  - Relationships between increased water yields and the condition of riparian habitat.
  - Dynamics of riparian habitat.
- Develop a state policy on riparian habitat management to guide federal, state, local and private actions.
- Recognize and support exchanges of State Trust lands containing riparian habitat for non-riparian federal lands. (This is currently being done and should be continued.)
- Develop incentives for the appropriate management of privately owned riparian habitats including conservation easements, land exchanges, tax credits.
- Develop recommended legislation and regulations to carry out the state riparian habitat management policy and establish incentives.
- Identify enforcement needs to protect riparian areas.
- Encourage cooperation between Arizona's Indian nations and the State of Arizona in the management of riparian habitat consistently and provide assistance as appropriate.

## Water Resources Committee

### ACTIVITIES

**Chairman:**  
Nancy Laney

**Members:**  
Charles C. Bates  
Vern M. Bathurst  
Philip Briggs  
Marybeth Carlile  
Stephen E. Davis

The Water Resources Committee addressed a number of issues related to water. Among those studied were:

1. Banking of Central Arizona Project Water
2. Dual water systems
3. Water rights and State Groundwater law
4. Water quality control
5. Environmental implications of retired farm lands

W. M. Fisher  
W. R. Gardner  
Henry Eyrich  
Seth L. Franzman  
Robert Hacker  
Senator John Hays  
Nancy Laney  
Sue Lofgren  
Don Metz  
Bruce Miles  
Larry Morton  
Fred Nobbe  
Eva Patten  
Rep. Richard Pacheco  
Dale Pontius  
R. M. Sternberger  
Lawrence Stewart

## RECOMMENDATIONS

### ONE

That the Governor lend his influence to removal of the restrictions at both the State and Federal levels which prevent the most effective use of electrical power associated with the Central Arizona Project. (Joint recommendation with the Energy Committee. )

### TWO

That water quality issues be identified and continue to be given high priority in state government.

### THREE

That better management of the agriculture water system be developed. That steps be taken to minimize the negative influence from sediments, pesticides, fertilizers and other environmental hazards.

### FOUR

That funding alternatives for water quality be developed.

### FIVE

That water quality information be made readily available to the public through a networking system of already established state educational agencies.

### SIX

That State assistance should be provided to rural or isolated communities to develop public awareness of potential water quality problems, alternative solutions and funding.

### SEVEN

That alternative water conservation methods be encouraged through economic incentives.

### EIGHT

That in addition to meeting federal guidelines, laws be adopted which strengthen existing water quality standards in Arizona.

### NINE

That the Governor pursue a transfer of Federal Environmental Protection water quality control programs to the State.

### TEN

That public representation on the Water Quality Control Council be expanded.

### ELEVEN

That greater coordination and consolidation of agencies involved in water quality policy development be encouraged through identification of their responsibilities, available networking potential and funding.

### TWELVE

That State and local governments work cooperatively to establish private water and sewer companies where municipal systems are not practicable.

### THIRTEEN

That the Governor study the feasibility for using alternative water management tools such as, water trades, banking and recharge credits, matched quality use and increased economic values.

### FOURTEEN

That the Governor's Commission on Arizona Environment as a full committee study the pro and con of agriculture and greenbelts near urban areas.

# Awards Committee

## ACTIVITIES

### Chairman:

Dr. Kenneth Foster

### Members:

Marie Anita Burling

Dan Devers

Blanche Johnson

Maxine Lakin

Paul Klores

Troy Upchurch

Awards are given to individuals, businesses, cities, towns and others for outstanding work in protecting, improving or enhancing the environment. Certificates of Appreciation were awarded to the following:

1. M & W INCORPORATED - Efforts in exploring new technology to promote water conservation in the agricultural sector.
2. SOUTHWEST ENVIRONMENTAL SERVICE - For its efforts to expand the role of private citizens in the development of public policy for the use of natural resources.
3. TUMACOC HILL ADVISORY COMMITTEE/UNIVERSITY OF ARIZONA - For its efforts to preserve the Tumacoc Hill as a unique and viable community resource.
4. SANTA CRUZ COUNTY AND THE CITY OF NOGALES - For their cooperative efforts to establish a regional land fill near Rio Rico, to close the Nogales land fill, and to construct a compactor/transfer station.
5. THE RESOURCE CENTER FOR ENVIRONMENTAL EDUCATION AT FLAGSTAFF - For its significant accomplishments in furthering environmental education.
6. LIQUINOX COMPANY - For its efforts in harvesting a protected native plant (Yucca on State land).
7. THE SOCIETY FOR RANGE MANAGEMENT, INC./ARIZONA SECTION - Recognized for its sponsorship of the annual native resources conservation workshop for Arizona youth.
8. ARIZONA PUBLIC SERVICE - SKY HARBOR AIRPORT SOLAR PHOTO-VOLTAIC CONCENTRATION PROJECT - For construction of and operation of the world's largest utility grid-connected solar cell power plant.
9. PALOMINAS ELEMENTARY SCHOOL AND GENERAL ABELARD L. RODRIQUEZ SCHOOL (ARIZPE, MEXICO) - For their bi-cultural Environmental Education Program.
10. THE ARIZONA WILDLIFE REHABILITATION COUNCIL AND THE ARIZONA GAME AND FISH DEPARTMENT - For their joint effort in establishing the Arizona Wildlife Rehabilitation Center at the Adobe Mountain Center.

# Communications Committee

## ACTIVITIES

**Chairman:**

A. Michael Turner

**Vice Chairman:**

Dave Perry

**Members:**

Gary Avey  
Morris Lerner  
Fred Nobbe  
Robert Whitaker

The Communications Committee worked on the following projects:

1. Governor's Commission on Arizona Environment slide presentation for use in public relations and educational activities.
2. Implementation of a public relations program for the Governor's Commission on Arizona Environment.
3. Development of the canvas backdrop donated by Gannett Company for use at the Governor's Commission on Arizona Environment's meetings.
4. Publicizing Governor's Commission on Arizona Environment's activities.
5. Fund raising for the Bi-cultural Exchange Program.
6. Speakers bureau program.
7. Preparation of workshop/conference news releases.
8. Members Chris Williams and Dave Perry continued to photograph meeting sessions through this period for our report.

# Finance Committee

## ACTIVITIES

**Chairman:**

Don Schwenn

**Members:**

Mary Alice Bivens  
Maxine Lakin  
Chuck Lakin

The Finance Committee has functioned as a check and balance/sounding board for the Executive Director to assure that operating expenses and registration fees are minimal as the Governor's Commission on Arizona Environment is a voluntary organization.

# Membership Committee

## ACTIVITIES

**Chairman:**

Jeanette Bideaux

**Vice Chairman:**

Michael Ramnes

**Members:**

Richard Countryman  
Robert W. Hacker  
Bonnie Haynes  
Andrew Nichols

The Membership Committee discussed:

1. Changes in the Governor's Commission on Arizona Environment directory format.
2. Changes in membership eligibility.
3. Strengthening Governor's Commission on Arizona Environment's geographic representation.
4. Maintaining a balanced membership in all categories.

**MEMBERSHIP CATEGORIES:**

Business/Professional (B/P)  
Education (E)  
Government (G)  
Citizen/Conservation (C)  
Legislator (I)  
Members-at-large (M/L)

They also recommended the following members to the Commission.

Charles A. Lakin, Arizona Agri-Business Council

Chris Williams, Arizona Association for Learning in and About the Environment  
(AALE)

Tom Allen, Bureau of Land Management

Stephen E. Davis, City of Tucson

Austin B. Milhollin, Member-at-Large

Bruce Miles, Arizona Water Quality Association

Bruce P. Crandall, City of Mesa

Lawrence Stewart, Consolidated Water Utilities

Dale Pontius, Streich, Lang, Weeks and Cardon Attorneys

George Van Otten, Northern Arizona University

Gene C. Tolle, Wildlife Federation

Tom Sullivan, Water Fowl Association

Don Metz, U. S. Fish & Wildlife Service

Representative Larry Hawke, Chairman, Natural Resources Committee

Bill Hayden, Arizona Department of Transportation

David Pijawka, Center of Environmental Studies, ASU

Larry Morton, Bureau of Reclamation

Philip C. Briggs, Arizona Department of Water Resources

Lois Kulakowski, League of Women Voters of Arizona

Keith Hubbard, Arizona Society of Professional Engineers

Jack Bestall, Arizona Planning Association

Mary Lou Rankin, Tucson Unified School District

William Anderson, Arizona Department of Education

Duane Bock, Tucson Electric Power Company

S. Clark Martin, Arizona Section, Society for Range Management

Martha Hunter, Office of Economic Planning and Development



# Special Projects

## ENVIRONMENTAL EDUCATION FACT SHEET

Environmental concerns have been receiving an increasing amount of attention nationwide and Arizona is no exception. Current issues within the State include concerns about water contaminated with TCE (trichlorethylene) and EDB (ethylenedibromide) and the controversial issue of animal trapping. Unfortunately this attention is generally from a crisis oriented standpoint, which tends to heighten not only public awareness but anxiety as well. A need exists to develop factual materials of a general, and specific nature.

Such materials will provide students, groups and the public with balanced information concerning statewide environmental resources, issues and concerns.

The purpose of the Fact Sheet Project is to provide Arizona public schools, civic organizations and residents with factual information about current environmental issues which will encourage the development of active environmental awareness. Objectives include the establishment of a cooperative network between state agencies, civic organizations and qualified individuals with environmental concerns and interests to assist in the development of reliable environmental information, and the subsequent development and distribution of a series of non-technical fact sheets on current environmental issues which describe the situation and provide background and reference information.

## THEFT AND VANDALISM

Arizona is one of the fastest growing states in the southwest. Along with California and Texas, it is projected to expect the most new people by the year 2000. Arizona's own population is projected to increase by 90 percent or more. The State's beauty, weather, and quality of environment has long been a major attraction for both tourists and residents alike. Unfortunately, one of the by-products of our State's growth is an increase in THEFT and VANDALISM, which will directly affect our environment and lifestyle.

The Governor's Commission on Arizona Environment has been working on its "Theft and Vandalism Project" since January of 1983. At that time, problems caused by theft and vandalism were addressed by the Commission. The consensus was that everyone is affected; ranchers, farmers, utilities, business, all levels of government and the general public.

The PROJECT will be a one-year pilot program aimed at controlling Theft and Vandalism in the State of Arizona. The program is designed to:

1. Focus public attention and increase public awareness concerning Theft and Vandalism in the State of Arizona.
2. Provide a means whereby the government may monitor the impact Theft and Vandalism has had on Arizona.
3. The program is both proactive and reactive as well as informational and educational.

## **TYPES OF THEFT AND VANDALISM INCLUDE:**

1. Theft and vandalism of recreational facilities
2. Public works theft and vandalism
3. Highway theft and vandalism (signs, rest areas, etc.)
4. Cattle theft
5. Public utility theft and vandalism
6. Property defacement
7. Desert vandalism
8. Archaeological theft
9. Recreational vehicle theft and vandalism
10. Auto theft and vandalism
11. Illegal dumping

The heart of the program will be a Toll-Free 24-hour Hotline, 1-800-VANDALS, by the Governor's Commission on Arizona Environment with assistance from the Arizona Game & Fish Department. Calls can be made from anywhere in Arizona to the Hotline headquarters where dispatchers will be able to transfer information to the appropriate responding enforcement agency. Dispatchers will respond to calls or any potential problems that may arise. Calls will be logged and monitored in a Theft and Vandalism Action Report. Reports will include the type of Theft and Vandalism, response time, whether the vandals were apprehended, did they receive a conviction, and what sentencing was handed down. Careful and systematic review of all action taken in response to information that is provided will be monitored quarterly. It is hoped that by gathering this data the Commission will be able to properly classify theft & vandalism damage in the state and put a dollar figure to it.

Complying with the Open Meeting Law, meeting notices are posted in the Arizona Department of Transportation Building, 206 S. 17th Avenue. Notices and minutes are also mailed to interested individuals upon request and news releases are disseminated to the media. If you have an environmental concern or wish to receive a schedule of future meetings, please call 255-7803.

### **The Environmental Education Fact Sheets Available Are:**

Air Quality

Plants

Water Quality

Water Resources

Wildlife

